

Work Order ID 68188-2

Friday, April 08, 2011 7:04:16 AM



Page 1

Item ID: D3619-1

Revision ID:

Item Name: Grommet

Start Date: 4/8/2011

Required Date: 4/11/2011

Reference:

Approvals:

Process Plan:

QC:

Start Qty: 2000

Req'd Qty: 2000

Accept



Setup Start

Stop

Cust Item ID:

Customer:

Run Start

Stop

Date: 11/04/08

Tooling:

Date:

Date:

SPC (Y/N):

Date:

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
Draw Nbr	Revision Nbr								
D3619	Rev A								
100	PURCHASING	0.00							
Purchasing	Memo	0.00							
Purchasing	Issue P/O: 13228								
	MASTER CARR								
	QC- Inspect dimensions to drawing	0.00							
QC	Memo	0.00							
Quality Control									

CH 11/04/08 (20)

PA/H/12 (9)

11 04 13 (9)

Work Order ID 68188

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Item ID: D3619-1

Accept



Setup Start



Revision ID:

Stop



Item Name: Grommet

Start Date: 4/8/2011 Start Qty: 20.00



Cust Item ID:

Required Date: 4/11/2011 Req'd Qty: 20.00



Customer:

Reference:

Run Start



Approvals:

Process Plan:

Date:

Tooling:

Date:

Stop



QC:

Date:

SPC (Y/N):

Date:

Sequence ID/
Work Center ID

Operation
Description

Set Up/
Run Hours

Tool ID

Tool #

Plan
Code

Accept
Qty

Reject
Qty

Reject
Number

Insp.
Stamp

130



Packaging

Packaging

Packaging

Memo

****Remove supplier paperwork from box.***** ☐ Identify and
Stock ☐ Location: 70

0.00

0.00

11/4/13 S/P 90

140



QC

Quality Control

QC21- Final Inspection - Work Order Release

Memo

0.00

0.00

11/4/13 JF

MF

11-04-13

Picklist Print

Friday, April 08, 2011 7:04:14 AM

Page 1

Work Order ID: 68188

Parent Item: D3619-1

Parent Item Name: Grommet





Start Date: 4/8/2011

Start Qty: 20.00

Required Date: 4/11/2011

Required Qty: 20.00

Comments: IPP Rev:A New Issue 07-04-09 JLM

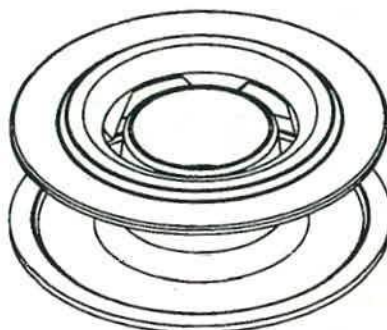
Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
9610K17  GROMMET		Purchased	No			110	Each	0.0000	1 	20		P4/11/12 (9)	



DESIGN <i>LE</i>	DRAWN BY <i>LE</i>	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
CHECKED <i>PH</i>	APPROVED <i>[Signature]</i>	DRAWING NO. D3619	REV. A SHEET 1 OF 1
DATE 07.03.26		TITLE GROMMET	SCALE NTS
REV A	DATE 07.03.26	DESCRIPTION NEW ISSUE	

SPECIFICATION CONTROL DRAWING

CL 11/04/08
W/D: 68188



RELEASED
07 04 02 #

D3619-X GROMMET.
WHERE X REPRESENTS THE GROMMET TRADE SIZE

DART P/N	TRADE SIZE	DESCRIPTION	HOLE SIZE	MAX. MTL THICKNESS	MCMASTER CARR P/N
D3619-0	0	BRASS GROMMET W/ TEETH	1/4	0.110	9610K16
D3619-1	1	BRASS GROMMET W/ TEETH	9/32	0.120	9610K17
D3619-2	2	BRASS GROMMET W/ TEETH	3/8	0.150	9610K18
D3619-3	3	BRASS GROMMET W/ TEETH	7/16	0.230	9610K19
D3619-4	4	BRASS GROMMET W/ TEETH	1/2	0.300	9610K21

NOTES:

1) PURCHASE INFO: MCMASTER-CARR P/N'S INCLUDE THE FOLLOWING:

48 GROMMETS FOR SIZE 0 & 1,
24 GROMMETS FOR SIZE 2, 3 & 4,
D3619-XT1 HOLE PUNCH,
D3619-XT2 STRIKER BLOCK,
D3619-XT3 PUNCH AND
D3619-XT4 DIE

2) TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED
3) ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE NOTED

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Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
Tel: 613 632 9577
Fax: 613 632 1053

PURCHASE ORDER

Purchase Order ID PO13828

Purchase Order Date 4/8/2011

PO Print Date 4/8/2011

Page Number 1 of 1

Order From :

VU-MCM001

MCMaster-CARR SUPPLY CO,
P.O. BOX 7690
CHICAGO, IL 60680-7690
US

Contact Name

Vendor Phone

330 995 5500

Vendor Fax

330 995 9600

Vendor Account Nbr

Buyer

Chantal Lavoie

Requisition Nbr

Tax Resale Nbr

10127-2607

Terms

Net 30

Currency

USD

FOB

Destination-Collect

Ship To :

DART AEROSPACE LTD

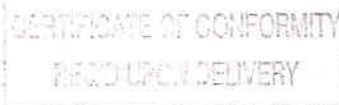
1270 ABERDEEN
HAWKESBURY, ON K6A 1K7
CANADA

FAKED
CL 11/10/10

Line Nbr	Reference Revision ID Vendor Part Number	Description/ Mfg ID	Req Date/ Taxable	Req Qty/ Unit of Measure	Ship Method	Unit Price	Extended Price
1	9610K17 <i>Resh.</i>	GROMMET	4/11/2011 Yes	20.00 Each	FedEx PI collect <i>Dec 11 11/11/11</i>	\$12.9000	\$258.00
Special Inst:			AS PER DWG D3619 REV. A B68188 MCMaster P/N: 9610K17				
2	31125A23 COUNTERBORE CARB TIP		4/11/2011 Yes	1.00 Each	FedEx PI collect	\$44.2800	\$44.28
3	3103A999 PILOTS .255" X 3/32		4/11/2011 No	10.00	FedEx PI collect	\$24.8000	\$248.00

Deliver To: DAN.P

Deliver To: DAN.P



PO Total:

\$550.28

PO Instructions:

PLEASE SHIP FED EX OVERNIGHT ACCT: 15179324-0

No substitution or deviation without
consent.
Certificate of Conformity or Material
Certification required when applicable

Change Nbr:

1

Change Date: 4/8/2011

100 Aurora Industrial Parkway
Aurora OH 44202
30-995-5500
le.sales@mcmaster.com

Dart Aerospace Ltd
1270 Aberdeen St
Hawkesbury ON K6A 1K7
Canada

McMaster-Carr Number
5724217-01

A1

Line	Description	Ordered	Shipped				
9610K17	Military Specification Grommet Kit, with Teeth Washer, Trade Size 1, 5/16" ID, 48 Grommets	20 Each	9	2 - 765 - 05	24 - 12	K17	9 EA 1
	Unit Price: \$12.90						
	Extended Price: \$116.10						
31125A23	Carbide Tipped Changeable Pilot Counterbore, 5/16" Body Diameter, 1/4" Shank Diameter, 2-3/8" L Overall	1 Each	1	1 - 287			2
	Unit Price: \$44.28						
	Extended Price: \$44.28						

Shipped separately from our Cleveland warehouse on 04/08

1	9610K17	Military Specification Grommet Kit, with Teeth Washer, Trade Size 1, 5/16" ID, 48 Grommets	20 Each	11
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Expected to ship

3	3103A999	Changeable Counterbore Pilot, 0.255" Pilot Diameter X 3/32" Shank Diameter	10 Each	10 to ship by 04/22
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Charges for this shipment

Merchandise Amount:	\$160.38
Total:	\$160.38

Dart Aerospace Ltd

EXP
INV
NAFTA



5 lbs
2 lines

EW1BSPAX
04/08/2011
10:02/12:26
421
Cycle 33

111014442493



1

Light
Assembly

104